

***Africa Research in Sustainable Intensification for the Next Generation***

africa-rising.net

**Validation visit for pre-selected sites in the district of Bougouni**

**MISSION REPORT**

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# Mission Objectives

An exploratory mission was conducted from 22-27 January in the districts of Bougouni, Yanfolila, and Kolondièba, in order to collect information on the villiages which were pre-selected as potential action sites for Africa Rising. The objetives of the mission were:

* Collect certain information in order to validate the choice of a village as an intervention site
* Characterize the sites in terms of population, infrastructure, and natural resources
* Identify the villages that meet the basic conditions allowing the activities of the project in Mali to be implemented
* Identify the villages that can serve as controls for the selected intervention sites.

The following is the information collection sheet for the villages.

Table 1: Data collection sheet

|  |
| --- |
| **General information** |
| Village name |
| Total population |
| Total number of households |
| Average household size |
| Administrative center of the commune |
| Distance of the village from the administrative center of the commune |
| Presence of MOBIOM and/or HELVETAS in the village (Y/N): |
| Quickwin activities carried out in the site (Y/N): |
| Names of resource persons |
| Function of resource persons |
| **Accessibility of the site** |
| Existence of roads for 4x4 vehicles |
| State of roads  (1) Good (2) bad (3) impassible |
| Topographic constraints (hills, ravines, etc) |
| **Water resources** |
| Water sources for human consumption (types and number) |
| Water sources for livestock (types and number) |
| Depth of water table |
| **Land use for agriculture** |
| % of land cultivated |
| % of land in fallow (>5 years) |
| % of land in forest (non-protected) |
| % of land in protected forest (forêt classée) |
| % of non-cultivable pasture land |
| Are there local conventions on land use? |
| **Transhumance** |
| Period and location of transhumance |
| Number of transhumance corridors |
| **Health infrastructure** |
| Health districts serving the site |
| Does the site have easy access to one or more Community Health Centers (CSCOM)? |
| Number and names of CSCOM serving the site |
| Number and names of veterinary clinics or services present |
| **Other Infrastructures** |
| Number of functioning grain mills in the village |
| **Projects/NGOs present** |
| Number of NGOs/projects intervening in the site |
| Name of NGO and nature of their interventions  (1) Agriculture (2) nutrition (3) Management of community resources (4) training (5) other |
| **Presence of socio-professional groups/associations** |
| Number of socio-professional organizations present |
| Name and nature of activities of these organizations:  (1) Agriculture (2) nutrition (3) Management of community resources (4) training (5) other |
| **Presence of seed cooperatives** |
| Number of seed cooperatives serving the site |
| Names and nature of the activities of seed cooperatives  (1) Production (2) Sales (3) Promotion (4) Training (5) others |
| Names of seed cooperatives and Unions to which they belong |
| Names and nature of activities of unions of cooperatives  (1) Production (2) Sales (3) Promotion (4) Training (5) others |
| **Presence of farmer field schools** |
| Are there farmer field schools operating at the site? |
| **Number of plant nurseries at the site** |

Over the extent of the districts of Bougouni and Yanfolila, 32 villages were randomly pre-selected, from villages with fewer than 2000 inhabitants, according to their agricultural potential and access to markets (see list below). The mission looked to validate this pre-selection by considering other factors. The most important factors were: the presence of key partners for the project in the sites, whether as part of Quickwin activities or other internal activities; and the accessibility of the sites.

The other types of information that was collected serve essentially to verify that the different selected sites meet the required conditions to carry out the activities of the project in the three target intervention domains: the entry points Seed, Livestock, land, and fodder, and nutrition.

Table 2: Pre-selected sites in Bougouni/Yanfolia

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **District** | **RNF xMkt** | **Commune** | **Village** | **District** |
| BOUGOUNI/YANFOLILA | LH | Debelin | Zana | Bougouni |
| Dogo | Kemedougou | Bougouni |
| Dogo | Niako | Bougouni |
| Dogo | Sirimana | Bougouni |
| Domba | Yeni | Bougouni |
| Keleya | Dialakoro | Bougouni |
| Koumantou | Tienkougoba | Bougouni |
| Zantiebougou | Tonfa | Bougouni |
| LM | Dogo | Faradie | Bougouni |
| Keleya | Tiessala | Bougouni |
| Kokele | Diamana | Bougouni |
| Koumantou | Boumou | Bougouni |
| Koumantou | Dieribougou | Bougouni |
| Koumantou | Touloumiela | Bougouni |
| Meridiela | Donkerila | Bougouni |
| Meridiela | Kondjila | Bougouni |
| MM | Danou | Berian | Bougouni |
| Faradiele | Flola | Bougouni |
| Faragouaran | Sebetomon | Bougouni |
| Sibirila | Banzana | Bougouni |
| Sibirila | Farafing | Bougouni |
| Gouanan | Yorobougoula | Yanfolila |
| Sibirila | Ouogona | Bougouni |
| Sibirila | Sirakoro | Bougouni |
| MH | Kouroulamni | Madina | Bougouni |
| Gouanan | Kandjirila | Yanfolila |
| Garalo | Kodiougou | Yanfolila |
| Gouanan | Madina-Diassa | Yanfolila |
| Faragouaran | Sibirila | Bougouni |
| Sido | Djerila-kouroulamini | Bougouni |
| Sido | Siratogo | Bougouni |
| Chantoula | Bossola | Bougouni |
| **TOTAL** | | **16** | **32** |  |

# Process:

The team for this mission was composed of: Abdramane Yorote (Agronomist, IER/LaboSEP), Mary Ollenburger (Research scholar, WUR), Manda Sissoko (Scientific officer, ICRISAT), Diakaridia Bagayogo (Driver, MOBIOM).

The process adopted consisted of organizing a meeting on arrival with the key partners of the project who intervene in the districts of Bougouni/Yanfolila, notably MOBIOM and HELVETAS. The resource persons of these partner structures who took part in this meeting were:

* Siaka DOUMBIA (Coordinator, Organic and Fair Trade Value Chain, Helvetas)
* Abdoulaye DIAKITE (Coordinator, MOBIOM)
* Massatoma MOUNKORO (Helvetas advisor)
* Soriba DIAKITE (Helvetas Agricultural advisor)

This meeting began with the identification of the villages within the pre-selection list with which the partners already had past or present experiences of collaboration, and villages that are very difficult to access due to their distance or the state of the roads. Next, the partners proposed intervention sites to replace the villages that did not meet the basic criteria (presence of partners and feasible access).

From this reunion the following list was elaborated with the list of sites that were maintained as intervention sites for Africa Rising (bold) with their associated control sites (in red in the following line).

From the initial random selection, the intervention sites were chosen if they were Quickwin sites or action sites for partners MOBIOM and Helvetas. When the initially selected sites did not meet these two criteria a replacement site was proposed by the partners, within the same stratum or near to the proposed site.

The control sites selected are those which were judged as the least accessible in the strata and where the partner organizations did not intervene. They are associated with intervention sites according to their similarity in terms of population (based on data from 2005). When the initially selected sites did not correspond to the action sites according to these criteria, they were replaced by a nearby site that was a better fit.

Table 3: Proposed intervention and control sites for Africa Rising

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **District** | **RNF xMkt** | **Commune** | **Village** | **Type** | **District** |
|  | LH | **Dogo** | **Niako** | original | Bougouni |
| Domba | Yeni | original | Bougouni |
| **Kebila** | **Bohi** | Replacement | Kolondieba |
| Keleya | Dialakoro | original | Bougouni |
| Debelin | Zana | removed | Bougouni |
| Dogo | Kemedougou | removed | Bougouni |
| Dogo | Sirimana | removed | Bougouni |
| Zantiebougou, | Tonfa | removed | Bougouni |
| LM | Dogo | Faradie | removed | Bougouni |
| Keleya | Tiessala | removed | Bougouni |
| Kokele | Diamana | removed | Bougouni |
| Koumantou | Boumou | removed | Bougouni |
| Koumantou | Dieribougou | removed | Bougouni |
| Koumantou | Touloumiela | removed | Bougouni |
| Meridiela | Donkerila | removed | Bougouni |
| Meridiela | Kondjila | removed | Bougouni |
| MM | **Danou** | **Berian** | original | Bougouni |
| Sibirila | Ouogona | original | Bougouni |
| **Danou** | **Dièba** | added | Bougouni |
| Sibirila | Banzana | original | Bougouni |
| **Danou** | **Diadoubala** | added | Bougouni |
| **Faradiele** | **Flola** | original | Bougouni |
| Sibirila | Farafing | original | Bougouni |
| **Gouanan** | **Yorobougoula** | original | Bougouni |
| Fakola | Zeguere | Replacement | Bougouni |
| MH | **Kouroulamni** | **Madina** | original | Bougouni |
| Chantoula | Bossola | original | Bougouni |
| **Gouanan** | **Kandjirila** | original | Bougouni |
| Garalo | Tiekoumala | Replacement | Bougouni |
| **Gouanan** | **Madina-Diassa** | original | Bougouni |
| Sido | Sakoro | Replacement | Bougouni |
| **Faragouaran** | **Sibirila** | original | Bougouni |
| Sido | Siratogo | original | Bougouni |
| **TOTAL** | | **14** | **21** |  |  |

In order to complete the validation process, the next task was to characterize these villages based on the data collection sheet. Based on the final selection list, field visits were planned and carried out in the administrative centers of the communes with elected officials in order to collect the data. The intervention sites were prioritized for these visits. For certain control sites which are difficult to access (sites in communes Sibirila, Garalo, and Fakola), the field visits were not carried out. A technical agent from MOBIOM was tasked with collecting the information about these sites from the PDSEC documents provided by Helvetas and from telephone interviews with key resource people.

From 23-26 January 11 administrative centers were visited according to the planning below. Appendix 1 contains the results of data collection, and Appendix 2 contains photos illustrating the different meetings.

Table 4: Planning of field visit

|  |  |  |  |
| --- | --- | --- | --- |
| **Date** | **Commune**  **Administrative center** | **Villages covered** | **Personnes rencontrés** |
| **23 Janv** | Danou  Torakoro | Berian, Diadoubala, Dièba | 1st deputy mayor  Secretary general  3rd deputy mayor |
| Faragouaran  Faragouaran | Sibirila | Secretary general  Revenue manager  2nd deputy mayor  Communal council member |
| Kouroulamini  Tentou | Madina | Revenue manager |
| Faradièlè  Faradièlè | Flola | Revenue manager  Secretary general |
| **24 janv** | Gouanan  Yorobougoula | Yorobougoula, Kandjirila, Madina-Diassa | Secretary general |
| Sido  Sido | Sakoro, Siratogo | Secretary general |
| **25 janv** | Chantoula  Chantoula | Dossola | Revenue manager  Secretary general |
| Keleya  Keleya | Dialakoro | Mayor of the commune  1st deputy mayor  2nd deputy mayor  3rd deputy mayor  Secretary general |
| Dogo  Dogo | Niako | 1st deputy mayor |
| **26 janv** | Kebila  Kebila | Bohi | Secretary general |

# Partnership between MOBIOM and Helvetas:

In terms of the history of relationships between the two NGOs, MOBIOM was created as part of the Organic Cotton Program of Helvetas. Since then, Helvetas has always provided technical and institutional support to MOBIOM. MOBIOM, for its part, has a more operational role in the field. Therefore, most of the partnership contracts of MOBIOM are supported by Helvetas for the execution of activities.

For the project Africa Rising, Helvetas, which already participated in the planning activities during the official inception, could work via institutional partnerships for technical assistance to MOBIOM and/or supporting farmer organizations, including those supervised by MOBIOM.

# Observations and recommendations :

1. In the initial stratum LM, none of the sites was familiar to the partners and many are difficult to access. In addition, it was not possible to propose nearby replacement sites for this stratum. Therefore we decided it was best to remove all sites from this stratum, which at the same time resolves the earlier question of equity between the two intervention districts (Koutiala and Bougouni/Yanfolila) in terms of number of project action sites.
2. From our investigations in the field and discussions with local partners, we have realized the necessity to pay particular attention to the market access of the sites. There exist in effect a certain number of centers within the districts that constitute important local markets for the sale of agricultural products, and from which farmers obtain their income. In the area of Bougouni/Yanfolila these are: Torakoro, Faraguaran, Yanfolila, Yorobougoula, Manakoro, Garalo, Merediela, Sanso, and Sido. In terms of proximity to these large local markets, the sites which could be considered to have a high access to market would be: Flola, Sibirila, Bohi, Madina, Berian, Diadoubala, Dièba,Yorobougoula, Niako, Kandjirila, Sakoro, Siratogo, Tiekoumala, Ouogona, Banzana, and Zeguere. The sites with medium access to these markets would be: Madina-Diassa, Yeni, Dialakoro, Dossola, and Farafing
3. All the sites visited could be accessed via a rural road practical in a 4-wheel-drive vehicle during the dry season. However, during the rainy season, the sites of Bohi, Dossola, Dialakoro, Madina-Diassa, Niako, Kandjirila, Flola, Dièba are not easily accessed due to the poor status of the road (see results in Appendix 1). The reliability of data on village population is not confirmed, as in certain sites these were obtained by estimation on the part of resource persons. The populations of the villages of Bohi (intervention site) and Dialakoro (control site) are above the 2000 person cutoff level according to the sources consulted.
4. It could be more interesting to take into account the updated market access information and population data from the commune level to make a new distribution of action and control sites. However, given the unreliability of the updated population data, it is preferable to retain the original association of intervention and control sites in terms of population. For the question of market access, an updated table follows (p. 10), which includes definitions based on the experience in the field when focusing on access to market of Bougouni, as well as the access to local markets based on information gathered from key partners. The selection of control villages could be changed, depending on the definitions of market access. One possible alternative is shown in the table based on access to market of Bougouni.

Table 5: Adjusted market access stratification

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Commune | Village | Population (2005) | Type | initial strata | Alternative Control villages | Access to Bougouni | Access to local markets |
|
| **ACTION** | | | | | | | |
| Faradiele | Flola | 404 | ACTION | MM | tbd | H | H |
| Faragouaran | Sibirila | 767 | ACTION | MH | Siratogo | H | H |
| Kebila | Bohi | 1894 | ACTION | LH | tbd | H | H |
| Kouroulamni | Madina | 1480 | ACTION | MH | Sakoro | H | H |
| Danou | Berian | 780 | ACTION | MM | tbd | M | H |
| Danou | Diadoubala | 436 | ACTION | MM | tbd | M | H |
| Danou | Dieba | 1101 | ACTION | MM | Dossola | M | H |
| Gouanan | Yorobougoula | 2175 | ACTION | MM | Dialakoro | M | H |
| Dogo | Niako | 398 | ACTION | LH | Yeni | M | H |
| Gouanan | Kandjirila | 884 | ACTION | MH | Tiekoumala | M | H |
| Gouanan | Madina-Diassa | 1039 | ACTION | MH | tbd | M | M |
| **TEMOIN** | | | | | | | |
| Sido | Sakoro | 1175 | CONTROL | MH |  | H | H |
| Sido | Siratogo | 672 | CONTROL | MH |  | H | H |
| Domba | Yeni | 586 | CONTROL | LH |  | M | M |
| Keleya | Dialakoro | 2364 | CONTROL | LH |  | M | ? |
| Syentoula | Dossola | 1780 | CONTROL | MH |  | M | M |
| Garalo | Tiekoumala | 861 | CONTROL | MH |  | M | H |
| Sibirila | Ouogona | 836 | CONTROL | MM |  | L | H |
| Sibirila | Farafing | 578 | CONTROL | MM |  | L | M |
| Sibirila | Banzana | 1375 | CONTROL | MM |  | L | H |
| Fakola | Zeguere | 2489 | CONTROL | MM |  | L | H |

1. We recommend adjusting the site selection in Koutiala according to the guidelines described here. Accordingly, within the strata for the district of Koutiala, the priority intervention sites for key project partners such as AMASSA will replace initially pre-selected intervention sites for Africa Rising.   
     
   The control sites, where the partners do not intervene, will be selected according to their similarity in terms of population for example. When within a stratum a site did not correspond to this criterion, it will be replaced for another which is geographically close and a closer fit to the action site.

The following table illustrates the process of site selection for Koutiala. Each intervention site (bold) is followed by its associated control site (red). Nevertheless, it should be noted that in the case of Koutiala it has been very difficult to find, within the same stratum, control villages that have the same population as the intervention sites, particularly for action sites with high population. Therefore the associated control sites have nearly but not the same populations as the control sites. For Gouantiesso and Sougoumba, practically no control site with similar population could be found near the pre-selected control sites. Action and control site selection should be verified with information from local partners in Koutiala. Definitions of market access should also be verified in order to adjust the market access strata as done in the case of Bougouni.

Table 6: Adjusted site selection for Koutiala

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Market access** | **Commune** | **Village** | **Type** | **District** |
|  | ~~N'tossoni~~, KarangouanaMalle | ~~N'tossoni~~ **Karagouaran Malle** | Replacement | Koutiala |
| High access | Diouradougou-kafo | ~~Bougouro~~  Tiere | Replacement | Koutiala |
| ~~Koutiala Commune~~, Songoua | ~~Sinie~~ **Sirakele** | Replacement | Koutiala |
| Konina | ~~M'petiela,~~ Konina | Replacement | Koutiala |
| ~~Miena,~~ M’ pessoba | ~~Miena~~  **M’pessoba** | Replacement | Koutiala |
| Konséguéla | ~~Wesserebougou,~~ Konséguéla | Replacement | Koutiala |
| ~~Nafanga~~ Sincina | ~~Kani~~**, Nampossela** | Replacement | Koutiala |
| Zanfigue | Bobola-zangasso | Original | Koutiala |
| Medium access | ~~Diaramana~~ M’pessoba | ~~Gouentiesso~~ **Gouantiesso** | Replacement | Koutiala |
| ~~Kolonigue,~~ Koningue | ~~Tarasso-heremakono,~~ **Sougoumba** | Replacement | Koutiala |
| Sincina | **Try-2** | Original | Koutiala |
| Sinkolo | Siou | Original | Koutiala |
| ~~Zanina~~  Fakolo | ~~Debela~~ **Zansoni** | Replacement | Koutiala |
| Gouadji-kao | ~~Kassiola,~~ N’Togonasso | Replacement | Koutiala |
| Koromo | Kokotana | Orignal | Koutiala |
| Fagui | Semesso | Original | Koutiala |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Appendix I: Results of data collection | | | | | | | | | | | | | | |
| **QUESTIONS** | **RESULTS** | | | | | | | | | | | | | |
| Total village population | **<500** | **500-1000** | | | | **1000-2000** | | | | **2000-3000** | | | | |
| Niako | Madina, Flola, Diadoubala,Berian, Sibirila, Dieba, Madina Diassa, Kandjirila, Dièba, Berian, Farafing, Tiekoumala | | | | Siratogo, Sakoro, Dossola, Wogona | | | | Yorobougoula, Dialakoro, Bohi, Zeguere, Banzana | | | | |
| Total number of households | **<50** | **50-100** | | | | **100-300** | | | | **300-500** | | | | **>500** |
| Sibirila, Niako, Flola | Madina, Flola, Diadoubala, Madina-Diassa, Kandjirila, Siratogo, Farafing, Tiekoumala | | | | Berian,Dieba, Sakoro, Dialakoro, Dossola, Dièba, Berian, Zeguere, Banzana, Wogona | | | | Yorobougoula, Bohi | | | |  |
| Average household size | **<10** | **10-20** | | | | **20-40** | | | | **>50** | | | | |
| Niako, Bohi, Diadoubala, Dièba | Sibirila, Madina, Madina-Diassa, Kandjirila, Siratogo, Berian, Sakoro, Zeguere, Banzana, Farafing, Wogona, Tiekoumala | | | | Dialakoro, Dossola, Flola, Yorobougoula | | | |  | | | | |
| Distance to administrative center | **0 m** | **0-10** | | | | **10-20** | | | | **>20** | | | | |
| Yorobougoula | Madina, Bohi, Dialakoro, Diadoubala, Flola, Berian, Tiekoumala | | | | Sibirila, Dossola, Kandjirila, Dièba, Siratogo | | | | Madina-Diassa, Niako, Sakoro, Zeguere, Banzana, Farafing, Wogona | | | | |
| **Accessibility of the site** |  | | | | | | | | | | | | | |
| Presence of a road for a 4-wheel-drive vehicle | **YES** | | | | | **NO** | | | | | | | | |
| Sibirila, Madina, Bohi, Dossola, Dialakoro, Diadoubala, Madina-Diassa, Kandjirila, Niako, Flola, Dièba, Siratogo, Berian, Yorobougoula, Sakoro, Zeguere, Banzana, Farafing, Tiekoumala, Wogona | | | | |  | | | | | | | | |
| Road status  (1) Good (2) Bad (3) Impassible | **1** | | | **2** | | | | | **3** | | | | | |
| Sibirila, Madina, Diadoubala, Siratogo, Berian, Yorobougoula, Sakoro, Zeguere | | | Bohi (pdt hivernage), Dossola (pdt hivernage), Dialakoro (pdt hivernage), Madina-Diassa, Niako (pdt hivernage), Kandjirila, Flola (hivernage), Dièba (hivernage), Farafing, Banzana, Tiekoumala(hivernage) | | | | | Wogona | | | | | |
| **Water resources** |  | | | | | | | | | | | | | |
| Sources of water for human consumption | **Traditional/improved wells** | **Boreholes** | | | **Cistern** | | | **Manual pump** | | | | | **Surface water** | |
| Sibirila, Madina, Bohi, Dossola, Dialakoro, Diadoubala, Madina-Diassa, Niako, Flola, Dièba, Siratogo, Berian, Yorobougoula, Sakoro | Sibirila, Madina, Bohi, Dossola, Dialakoro, Diadoubala, Madina-Diassa, Niako, Flola, Dièba, Siratogo, Berian, Yorobougoula, Sakoro | | | Kandjirila | | | Sibirila | | | | |  | |
| Water sources for animals | **Traditional/improved wells** | **Boreholes** | | | **Cistern** | | | **Manual pump** | | | | | **Surface water** | |
| Sibirila, Madina, Bohi, Dossola, Diadoubala, Kandjirila (amelioré), Niako, Flola, Dièba, Siratogo, Berian, Yorobougoula, Sakoro | Madina-Diassa, Flola, Siratogo | | | Kandjirila | | |  | | | | | Madina, Bohi, Dossola (barrage de selingué), Dialakoro, Diadoubala, Madina-Diassa, Kandjirila (barrage Gouna), Niako, Flola, Dièba, Berian, Yorobougoula | |
| Depth of water table | **<10m** | **10-20m** | | | | **20-30m** | | | | **>30m** | | | | |
| Bohi, Dossola, Sakoro | Madina, Dialakoro, Diadoubala, Madina-Diassa, Kandjirila, Niako, Flola, Dièba, Siratogo, Berian, Yorobougoula | | | | Sibirila | | | |  | | | | |
| **Land use** |  | | | | | | | | | | | | | |
| % of land cultivated | **<50%** | | | **50-80%** | | | | | | | **>80%** | | | |
| Sibirila, Dossola, Dialakoro, Diadoubala, Madina-Diassa, Kandjirila, Niako, Dièba, Berian, Yorobougoula | | | Madina, Bohi, Sakoro | | | | | | |  | | | |
| Presence of fallows >5 years long | **Absent** | **Low** | | **Medium** | | | | | | | **High** | | | |
|  | Sakoro | | Madina, Bohi, Diadoubala, Dièba, Berian | | | | | | | Sibirila, Dossola, Dialakoro, Madina-Diassa, Kandjirila, Niako, Yorobougoula | | | |
| Presence of protected forest | **YES** | | | **NO** | | | | | | | | | | |
| Madina-Diassa (800ha), Yorobougoula (700ha) | | | Sibirila, Madina, Bohi, Dossola, Dialakoro, Diadoubala, Kandjirila, Niako, Dièba, Berian, Sakoro | | | | | | | | | | |
| Presence of non-cultivatable forest/pasture | **Absent** | **Low** | | **Medium** | | | | | **High** | | | | | |
|  | Bohi, Sakoro | | Sibirila, Madina, Kandjirila, Berian, | | | | | Dossola, Dialakoro, Diadoubala, Madina-Diassa, Niako, Dièba, Yorobougoula | | | | | |
| Are there local conventions on land use? | **No** | | | **Customary/traditional** | | | | | **Yes** | | | | | |
| Sibirila, Madina, Siratogo | | | Bohi, Dossola, Dialakoro, Diadoubala, Madina-Diassa, Kandjirila, Niako, Dièba, Berian, Yorobougoula, Sakoro | | | | |  | | | | | |
| **Transhumance corridors** |  | | | | | | | | | | | | | |
| Number of transhumance corridors | **0** | **1** | | | | **2-4** | | | | **>4** | | | | |
| Sibirila, Madina, Bohi, Dossola (en cours), Dialakoro, Diadoubala, Madina-Diassa, Kandjirila, Niako (en projet), Flola, Dièba, Siratogo (en cours), Berian, Yorobougoula, Sakoro (en projet) |  | | | |  | | | |  | | | | |
| **Health infrastructure** |  | | | | | | | | | | | | | |
| Number of health districts serving the site | **0** | **1** | | **2** | | | | | **>2** | | | | | |
|  | Sibirila, Madina, Diadoubala, Bohi, Dialakoro, Madina-Diassa, Kandjirila, Niako, Flola, Dièba, Siratogo, Berian, Yorobougoula, Sakoro | | Dossola | | | | |  | | | | | |
| Does the site have easy access to one or more CSCOM? | **YES** | | | | | **NO** | | | | | | | | |
| Sibirila, Madina, Bohi, Dossola, Dialakoro, Diadoubala, Madina-Diassa, Kandjirila, Niako, Dièba, Siratogo, Berian, Yorobougoula, Sakoro | | | | | Flola | | | | | | | | |
| Number of health centers serving the site | **0** | **1** | | **2** | | | | | **>2** | | | | | |
|  | Sibirila, Dialakoro, Diadoubala, Madina-Diassa, Kandjirila (projet de maternité), Berian | | Bohi, Niako, Flola, Dièba, Siratogo, Yorobougoula, Sakoro | | | | | Madina, Dossola | | | | | |
| Number of veterinary clinics serving the site | **0 (presence of vet. agent)** | | | **1-2** | | | | | **>2** | | | | | |
| Sibirila, Madina, Bohi, Dossola, Dialakoro, Diadoubala, Madina-Diassa, Kandjirila, Niako, Flola, Dièba, Siratogo, Berian, Yorobougoula, Sakoro | | |  | | | | |  | | | | | |
| **Other infrastructure** |  | | | | | | | | | | | | | |
| Number of functioning grain mills in the village? | **0** | **1-3** | | | | **3-5** | | | | **>5** | | | | |
|  | Sibirila, Bohi, Dossola, Dialakoro, Diadoubala, Madina-Diassa, Kandjirila, Niako, Flola, Dièba, Siratogo, Berian, Yorobougoula, Sakoro | | | | Madina, | | | |  | | | | |
| **Projects/NGOs present** |  | | | | | | | | | | | | | |
| Number of projects/NGOs serving the site | **0-2** | **2-5** | | | | **5-10** | | | | **>10** | | | | |
| Dossola, Diadoubala, Madina-Diassa, Niako, Flola, Dièba, Berian | Sibirila, Madina, Bohi, Dialakoro, Kandjirila, Siratogo, Sakoro | | | | Yorobougoula | | | |  | | | | |
| Nature of NGO interventions  (1) Agriculture (2) nutrition (3) Management of community resources (4) training (5) other | **1** | **2** | | | **3** | | | **4** | | | | | **5** | |
| Sibirila, Madina, Bohi, Dossola, Dialakoro, Diadoubala, Madina-Diassa, Kandjirila, Niako, Flola, Dièba, Siratogo, Berian, Yorobougoula, Sakoro | Bohi, Diadoubala, Siratogo, Yorobougoula, Sakoro | | | Madina, Dossola, Siratogo, Sakoro | | | Sibirila, Madina, Bohi, Dossola, Dialakoro, Diadoubala, Kandjirila, Niako, Dièba, Siratogo, Berian, Yorobougoula, Sakoro | | | | | Sibirila (santé), Madina (santé,hydraulique), Kandjirila, Siratogo, Berian (santé), Sakoro | |
| **Presence of socio-professional groups** |  | | | | | | | | | | | | | |
| Number of socio-professional organizations present | **0-2** | **2-5** | | | | **5-10** | | | | **>10** | | | | |
| Sibirila, Dossola, Dialakoro, Diadoubala, Madina-Diassa, Kandjirila, Niako, Siratogo, | Madina, Bohi, Flola, Dièba, Berian, Yorobougoula, Sakoro | | | |  | | | |  | | | | |
| Nature of activities of these organizations:  (1) Agriculture (2) nutrition (3) Management of community resources (4) training (5) other | **1** | **2** | | | **3** | | | **4** | | | | | **5** | |
| Sibirila, Madina, Bohi, Dossola, Dialakoro, Diadoubala, Madina-Diassa, Kandjirila, Niako, Flola, Dièba, Siratogo, Berian, Yorobougoula, Sakoro |  | | | Madina | | | Kandjirila, Sakoro | | | | | Madina (financement), Bohi (financement), Niako (transformation), Siratogo | |
| **Presence of seed cooperatives** |  | | | | | | | | | | | | | |
| Number of seed cooperatives serving the site | **0** | **1-2** | | | | **2-5** | | | | **>5** | | | | |
| Sibirila, Bohi, Dossola, Dialakoro, Diadoubala, Niako, Flola, Dièba, Siratogo, Berian, Sakoro | Madina (Sasakawa 2000), Madina-Diassa (MOBIOM), Kandjirila (MOBIOM), Yorobougoula (MOBIOM) | | | |  | | | |  | | | | |
| Names and nature of the activities of seed cooperatives  (1) Production (2) Sales (3) Promotion (4) Training (5) others | **1** | **2** | | | **3** | | | **4** | | | | | **5** | |
| Madina, Madina-Diassa, Kandjirila, Yorobougoula | Madina, Yorobougoula | | | Madina-Diassa, Kandjirila, Yorobougoula | | | Madina-Diassa, Kandjirila, Yorobougoula | | | | |  | |
| Are there unions of cooperatives serving the site (names)? | **YES** | | | | | **NO** | | | | | | | | |
| Sibirila (UCPCV), Madina (UCPCV, Asso Feminine), Bohi (UCPC), Dossola (UCPC, Feder. protection environnem), Dialakoro (UCPC), Diadoubala (UCPC, Feder des femmes), Madina-Diassa( UCPC, CAFO), Kandjirila (UCPC , CAFO, MOBIOM), Niako (UCPC), Flola (UCPC, planteurs, aviculteurs), Dièba (UCPC, Federation de femmes), Siratogo (UCPC, CAEB), Berian (UCPC, Feder. des femmes de Danou), Yorobougoula (UCPC, KAFO), Sakoro (CAEB, UCPC) | | | | |  | | | | | | | | |
| Nature of activities of unions of cooperatives  (1) Production (2) Sales (3) Promotion (4) Training (5) others | **1** | **2** | | | **3** | | | **4** | | | | | **5** | |
| Sibirila, Madina, Bohi, Dossola, Dialakoro, Diadoubala, Madina-Diassa, Kandjirila, Niako, Flola, Dièba, Siratogo, Berian, Yorobougoula ? Sakoro | Sibirila, Madina, Bohi, Dialakoro, Diadoubala, Niako, Flola, Dièba, Siratogo, Berian | | | Kandjirila, Niako, Flola, Siratogo | | | Sibirila, Madina, Dossola, Dialakoro, Flola, Dièba, Siratogo, Sakoro | | | | | Madina (microfinance), Madina-Diassa (recherche financement), Kandjirila, Yorobougoula (microfinance), Sakoro (santé) | |
| **Presence of farmer field schools** |  | | | | | | | | | | | | | |
| Are there farmer field schools operating in the site? | **YES** | | | **NO** | | | | | **UNSURE** | | | | | |
|  | | | Sibirila, Madina, Bohi, Dossola, Dialakoro, Diadoubala, Madina-Diassa, Kandjirila, Niako, Flola, Dièba, Siratogo, Berian, Yorobougoula, Sakoro | | | | |  | | | | | |
| **Number of plant nurseries at the site** | **0** | | **1-2** | | | | **2-5** | | | | | **>5** | | |
| Sibirila, Bohi, Dossola, Dialakoro, Diadoubala, Kandjirila, Dièba, Siratogo, Berian, Yorobougoula, Sakoro | | Madina (individual), Madina-Diassa (individual) | | | | Niako, Flola | | | | |  | | |

# APPENDIX II: Photos of meetings

Helvetas office



Commune Danou



Commune Faragouaran

 

Commune Kouroulamni Sign for Sasakawa 2000, Madina

 

Office of the mayor, Faradiele



Commune Gouanan

 

Commune Syentoula

 

Commune de Sido



Improved well (Niako)



Rencontre commune Keleya



Rencontre commune Dogo

 

Commune Kebila



Group of Women in shea butter processing (Bohi)

 